

## BOARD OF MANAGEMENT – MULTAN INDUSTRIAL ESTATE

BOM -MIE Welcome's  
“ Mr. Hussain Ahmad Fazal”  
as President BOM -MIE

### “5 Golden Electrical Safety Rules”

#### Rule No 1

Avoid contact with energized electrical circuits. Please don't make fun of this rule if you already know this (**and you probably already know if you are reading these lines**) and remember that if something bad occurs – you probably won't have second chance. That's not funny.

#### Rule No 2

Treat all electrical devices as if they are live or energized. You never know.

#### Rule No 3

Disconnect the power source before servicing or repairing electrical equipment.  
The only way to be sure.

#### Rule No 4

Use only tools and equipment with non-conducting handles when working on electrical devices. Easy to check.

#### Rule No 5

Never use metallic pen or rulers, or wear rings or metal watchbands when working with electrical equipment. This rule is very easy to forget, especially when you are showing some electrical part pointing with metallic pen. Always be aware.

**ABDUL WAHAB**  
**Electrical Engineer BOM -MIE**

#### Welcome to New Board Members

BOM -MIE Welcome's  
All New Board  
Members and Thank to  
Ex -Board Members for  
their countless  
contributions for  
BOM -MIE

#### Welcome to New Office Staff

Mr. Farrukh Adeel Malik –  
Joined BOM/MIE as an IT  
Officer

#### Precautionary Measures for Dengue

**BOM/MIE cares for Workers & Make sure In all Phase 1 & 2 Industries for**

- Use of Dengue spray in all areas.
- Avoid placing water in any open area to protect breeding
- Make factory areas neat and clean to protect workers from bite of dengue

## BOARD OF MANAGEMENT – MULTAN INDUSTRIAL ESTATE

**“Let’s Beat the Smog and make the Environment Clean”**

### **Smog**

It is a thick yellowish black fog which suspends in the air. It forms because of air contamination of nitrogen oxides and sulfur oxides communicate with the mist or water vapors and ground level ozone.

### **Why it Happen?**

When air pollution from industries emission and fumes combine with fog and sun light forming a thick layer of smoke like film in the atmosphere.

### **Smog Facts**

- Smog can travel great distance along with the flow of the wind.
- Children and elders are the most at risk from smog
- Smog is a very strong respiratory irritant
- Smog levels in the air typically climb during hot and sunny days

### **Devastating Impacts of Smog on Human Health**

The recurring of smog in winter season is highly injurious to public health flora and fauna and has paralyzing effects on daily life in the following ways;

- People may experience short term skin and respiratory conditions such as eye irritation, coughing, throat/ chest irritation and skin irritation.
- Road and air traffic could be affected due to low visibility
- Premature death caused by Smog
- Smog effect on development of rickets disease as it blocks UV rays from reaching the earth surface which ultimately leads to the low production of vitamin D.



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**“Let’s Beat the Smog and make the Environment Clean”**

### **Control Measures against smog in Multan Industrial Estate**

Following measurements are mandatory for controlling smog and air pollution in MIE premises;

#### **1. Process Modification**

Dear industrialists the existing process may be changed by using modified techniques to control emission and source is as under;

If air intake of boiler furnace is adjusted, then excess Fly- Ash emission at plants may be reduced.

#### **2. Suitable Modification in the Existing Equipment**

You are required to modify the existing equipment in the following way;

Smoke, Carbon monoxide and fumes can be reduced if open hearth furnaces are replaced with controlled basic oxygen furnaces or electric furnaces.

#### **3. Effective Air Pollution Control System**

Install the effective air pollution control system in following ways;

- Install cyclone separators
- Wet scrubbers
- Fabric filters
- Electrostatic Precipitators

#### **4. Vegetation**

Plants contribute towards controlling air-Pollution by utilizing Carbon Dioxide and releasing oxygen in the process of photosynthesis.

Plenty of trees should be planted.

Gaseous pollutants CO (carbon mono oxide) is fixed by some plants name is given below;

- Coleus Bulmer
- Ficus Variegate
- Phascolus Vulgaris
- Junipers

The above mentioned plants also reduced the nitrogenous compounds in pollutants.

**Rifat Hayat Lodhi**  
**Environmental Officer**  
**BOM-MIE**